

IN THE CLAIMS

The status of the claims as presently amended is as follows:

1. (*Currently Amended*) A directional speaker control system adapted to an audio surround system in which a sound emitted from a directional speaker having sharp directivity is reflected ~~on-off~~ a wall surface or a sound reflection board ~~so as~~ to produce a virtual speaker, said directional speaker control system comprising:

a first directional speaker unit having at least one directional speaker for emitting a first sound toward the wall surface or sound reflection board; and

a second directional speaker unit having at least one directional speaker for emitting a second sound ~~which comes to have~~ with an inverse phase at a prescribed listening position with respect to an audio element of the first sound reaching the prescribed listening position directly,

~~wherein a directivity of the second sound from the second directional speaker unit dampens the audio element of the first sound from the first directional speaker is corrected using the second sound~~ unit reaching the prescribed listening position directly,

wherein the first and second directional speaker units both receive a same sound signal,
and

wherein the second directional speaker unit includes an inversion circuit that inverts the sound signal to generate the second sound at the inverse phase.

2. (*Currently Amended*) [[A]] The directional speaker control system according to claim 1,
~~wherein the first directional speaker and the second directional speaker are constituted using~~
unit is an array speaker[[s]] unit having a plurality of directional speakers arranged in an array
each for emitting a first sound toward the wall surface or sound reflection board, and wherein
the second directional speaker unit is also an array speaker unit having a plurality of directional
speakers arranged in an array each for emitting a second sound directly to the prescribed
listening position.

3. (*Currently Amended*) [[A]] The directional speaker control system according to claim 1,
~~wherein the first directional speaker unit and the second directional speaker unit are realized by~~
dividing composed of a single array speaker unit having a plurality of directional speakers
arranged in an array, the directional speakers being divided among the first and second
directional speaker units.

4. (*Currently Amended*) ~~[[A]]~~ The directional speaker control system according to claim 1, wherein the second directional speaker unit emits only a low-frequency sound as the second sound.

5. (*New*) The directional speaker control system according to claim 1, wherein each of the first and second directional speaker units further includes a delay circuit for delaying the sound signal, a gain adjustment circuit for adjusting a gain of an output signal of the delay circuit, and an amplifier for amplifying an output signal from the gain adjustment circuit and driving the at least one directional speaker.

6. (*New*) A directional speaker control system according to claim 2, where each of the first and second array speaker units further includes a delay circuit for delaying the sound signal, a gain adjustment circuit for each of the directional speakers for adjusting a gain of an output signal of the delay circuit, and an amplifier for each of the directional speakers for amplifying an output signal from the gain adjustment circuit to individually drive the directional speakers.